

Message Text

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TO AMEMBASSY BONN

INFO AMEMBASSY PARIS

UNCLAS STATE 201903

PARIS PASS NASA REPRESENTATIVE

E.O. 11652: N/A

SUBJ: GEOLOGIC STUDY OF RIES CRATER

1. DR. FRIEDRICH HORZ, GEOLOGIST WITH NASA'S JOHNSON SPACE CENTER, PLANS VISIT RIES CRATER NEAR BLAUBEUREN SEPTEMBER 17 - OCTOBER 1 TO INSPECT AND DOCUMENT PHENOMENON OF LOCAL MIXING.

2. DR. HORZ, IN COOPERATION WITH V.R. OBERBECK OF NASA'S ARMS RESEARCH CENTER, IS AUTHOR OF A NEW HYPOTHESIS ABOUT THE "SMOOTH PLAINS" OF THE LUNAR HIGHLANDS. THEY POSTULATE MAJORITY OF SO-CALLED "EJECTA BLANKET" NOT DERIVED FROM WITHIN CRATER CAVITY BUT CONSISTS PREDOMINANTLY OF LOCALLY REWORKED MATERIALS.

3. HYPOTHESIS FIRST FORWARDED AT LUNAR SCIENCE INSTITUTE MEETING JANUARY 1974 AND SUBSEQUENTLY DEBATED AT OTHER MEETINGS, MOST NOTABLY, FIFTH LUNAR SCIENCE CONFERENCE WHICH ATTENDED BY MANY FOREIGN LUNAR SAMPLE PRINCIPLE OR CO-INVESTIGATORS INCLUDING GERMAN SCIENTISTS.

4. DR. HORZ PREVIOUSLY PERFORMED FIELD WORK AT RIES CRATER DURING 1962-65 IN CONNECTION WITH PHD THESIS.

5. DURING PRESENT TRIP HORZ WILL CONTACT DR. H. GALL OF GEOLOGISCHES INSTITUT, UNIVERSITAT MUNCHEN AND DR. R.
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HUTTNER OF GEOLOGISCHES LANDESAMT, BADEN-WURTTEMBERG,

FREIBURG.

6. ACTION: PLEASE INFORM APPROPRIATE FRG AUTHORITIES AND
OBTAIN ANY REQUIRED CLEARANCES. KISSINGER

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Message Attributes

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